



SWING CHECK VALVE CLASS 150Lb

MAIN PARTS AND MATERIALS

NO.	Part Name	Qty.	Material	NO.	Part Name	Qty.	Material
1	Body	1	WCB	9	Name Plate	1	304
2	Seat	2	A105+HF	10	Gasket	1	304+ Flexible Graphite
3	Disc	1	WCB+F6	11	Bonnet	1	WCB
4	Stem	1	WCB	12	Stud		A193 B7
5	Gasket	1	A276 410	13	Nut		A194 2H
6	Nut	1	A276 410	14	Eyebolt	1	A29 1035
7	Pin	1	A276 410	15	Gasket	1	1008
8	Rivet	2	304	16	Plug	1	A276 410

MAIN CONNECTION DIMENSIONS AND WEIGHTS

NPS	in	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1 (RF-BW)	in	8.00	8.50	9.50	11.50	13.00	14.00	19.50	24.50	27.50	31.00	34.00	38.50	38.50	51.00
	mm	203	216	241	292	330	356	495	622	698	787	864	978	978	1295
L2 (RTJ)	in	8.50	9.00	10.00	12.00	13.50	14.50	20.00	25.00	28.00	31.50	34.50	39.00	39.00	51.50
	mm	216	229	254	305	343	368	508	635	711	800	876	991	991	1306
d1	in	3.62	4.13	5.00	6.18	7.32	8.50	10.63	12.76	15.00	16.26	18.50	20.98	22.99	27.24
	mm	92	105	127	157	186	216	270	324	381	413	470	533	584	692
d2	in	4.75	5.50	6.00	7.50	8.50	9.50	11.75	14.25	17.00	18.75	21.25	22.75	25.00	29.50
	mm	120.5	139.5	152.5	190.5	216	241.5	298.5	362	432	476	540	578	635	749.5
D	in	6.00	7.00	7.50	9.00	10.00	11.00	13.50	16.00	19.00	21.00	23.50	25.00	27.50	32.00
	mm	152	178	190	229	254	279	343	406	483	533	597	635	699	813
b	in	0.75	0.88	0.94	0.94	0.94	1.00	1.13	1.19	1.25	1.38	1.44	1.56	1.69	1.88
	mm	16	17.5	19	24	25	26	29	31	32	35	37	40	43	48
n-φd	in	4-0.75	4-0.75	4-0.75	8-0.75	8-0.87	8-0.87	8-0.87	12-1.00	12-1.00	12-1.13	16-1.13	16-1.25	20-1.25	20-1.38
	mm	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25	12-25	12-29	16-29	16-32	20-32	20-35
H (open)	in	5.31	6.10	6.61	9.37	9.80	10.91	13.35	15.67	20.67	21.77	22.99	26.30	28.03	29.13
	mm	135	155	168	235	249	277	339	398	525	553	584	688	712	740
WT (Kg)	BF	17	21	29	42	69	74	108	177	282	372	570	665	900	1359
	BW	13	17	24	35	57	62	96	158	238	324	483	548	782	1150